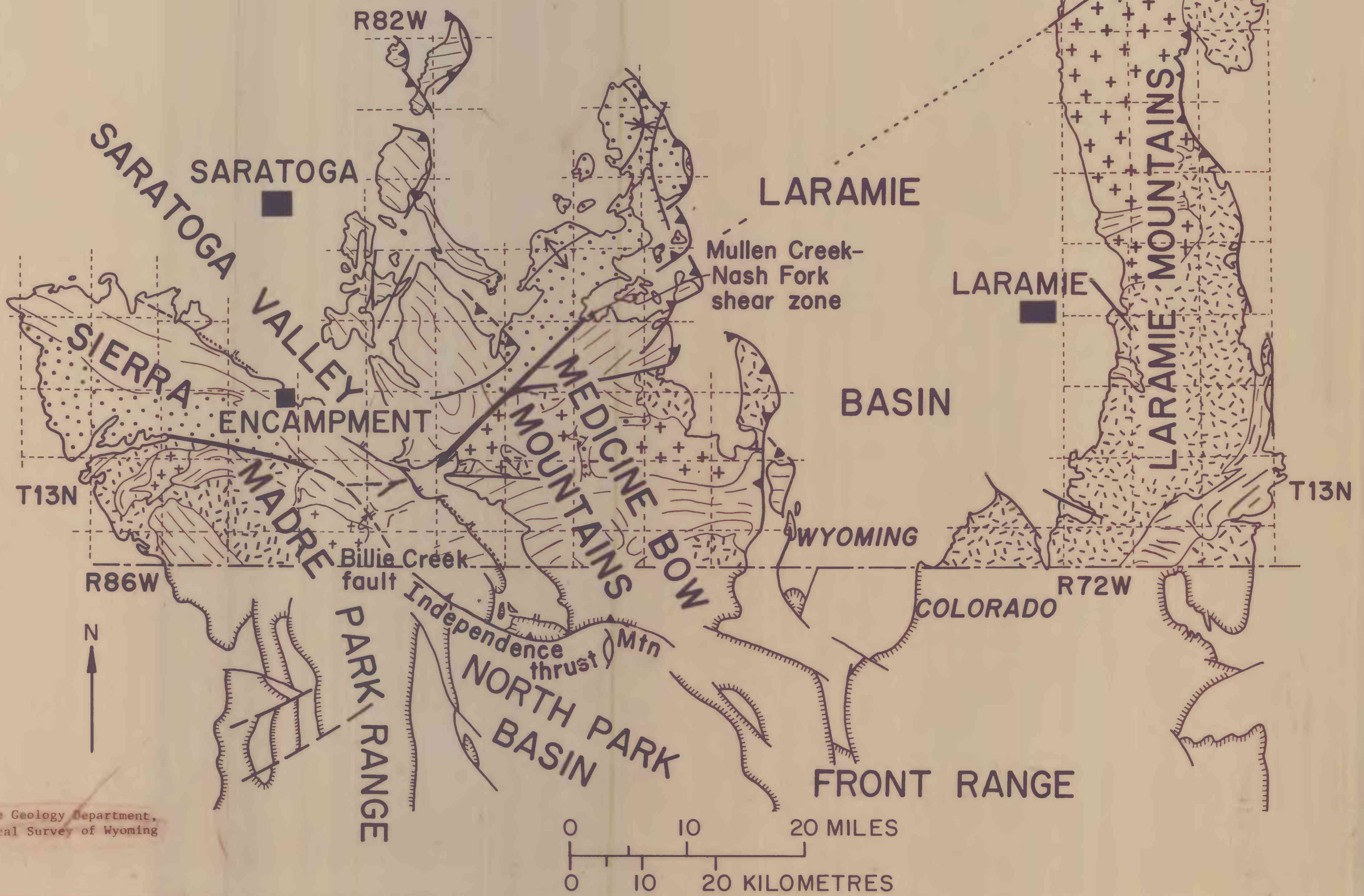
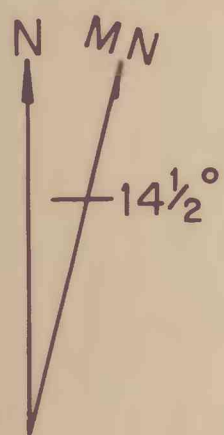


EXPLANATION

ROCKS NORTH OF
SHEAR ZONE

ROCKS SOUTH OF
SHEAR ZONE

- | | |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Metasedimentary rocks
older than ~1.7 b.y.,
younger than 2.4 b.y. | Sherman Granite and
possible equivalents
Rb/Sr whole-rock age ~1.4 b.y. |
| Gneiss, granite, and minor
metasedimentary rocks.
Older than ~2.4 b.y. | Mafic igneous rocks
ranging in composition
from olivine gabbro and
norite to quartz diorite.
Anorthosite in Laramie
Mountains |
| Structural trend line | |
| Thrust fault—Barbs on
hanging wall | |
| Normal fault—Hachure
on footwall | Gneiss, granite, and minor
metasedimentary and
metavolcanic rocks. All
rocks thought to be 1.8
b.y. or younger |
| Precambrian rocks on
hachured side | |



Work done in cooperation with the Geology Department,
University of Wyoming and Geological Survey of Wyoming

0 10 20 MILES
0 10 20 KILOMETRES

PLATE 1.— PRELIMINARY REPORT ON RADIOACTIVE CONGLOMERATES OF MIDDLE PRECAMBRIAN AGE
IN THE SIERRA MADRE AND MEDICINE BOW MOUNTAINS OF SOUTHEASTERN WYOMING

U.S. Geological Survey
OPEN FILE REPORT

This map is preliminary and has not
been edited or reviewed for conformity
with Geological Survey standards or
nomenclature.

Robert S. Houston Paul J. Graft
by Karl E. Karlstrom and Forrest K. Root
1977